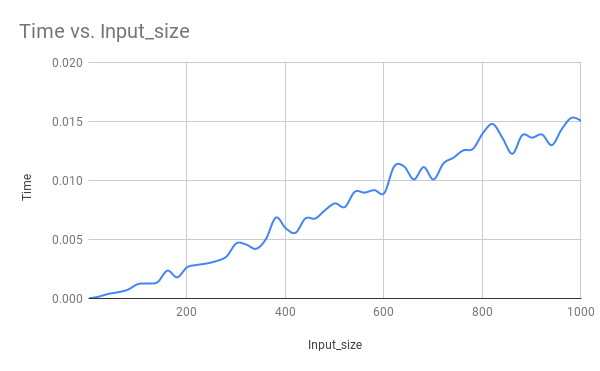
**1BM19CS219 MAHANTES GATTINA**

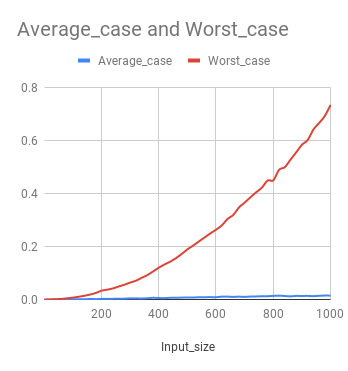
CONSTRAINT: rand() doesn’t generate unique numbers, repetition is possible

**QUICK SORT**

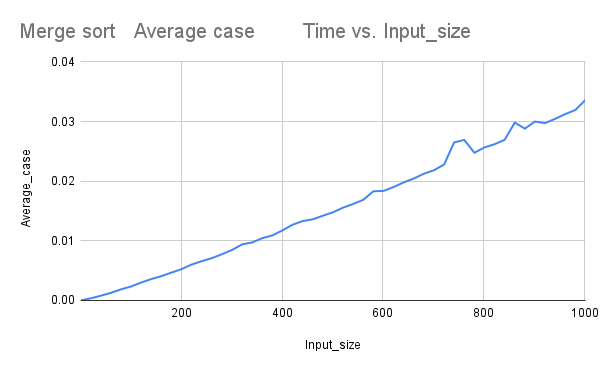
AVERAGE CASE: random input is considered here



AVERAGE CASE VS WORST CASE:

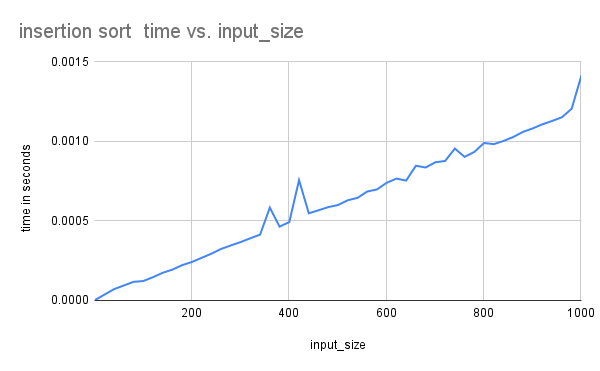


**MERGE SORT:**

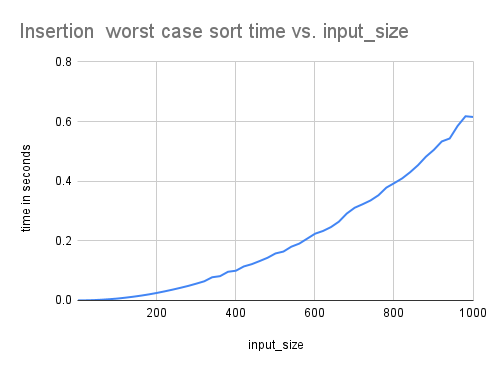
****

**INSERTION SORT:**

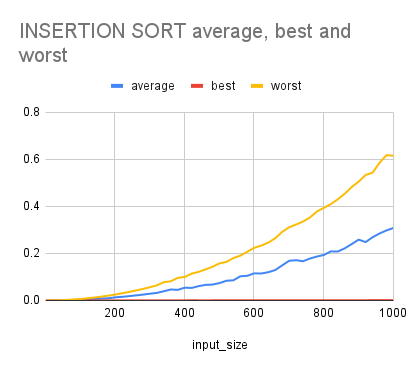
**BEST CASE:**

****

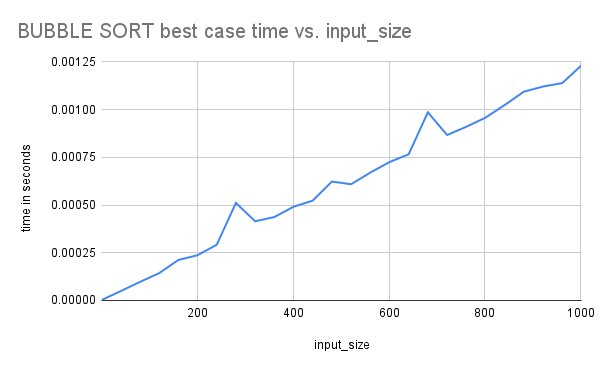
**WORST CASE:**

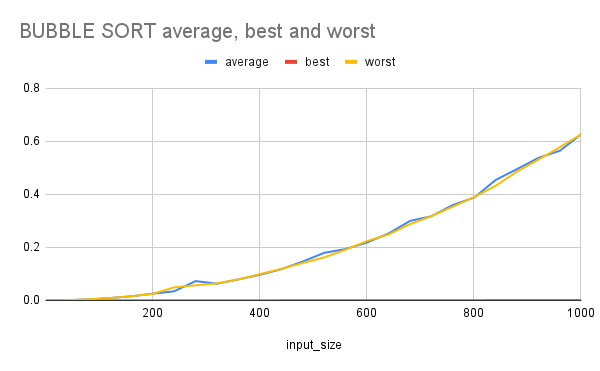
****

**COMPARISION:**

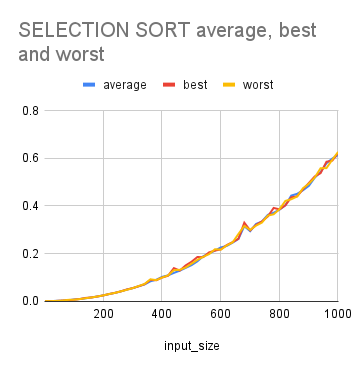
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**BUBBLE SORT:**

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**SELECTION SORT:**

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